

FIG. 1
(PRIOR ART)

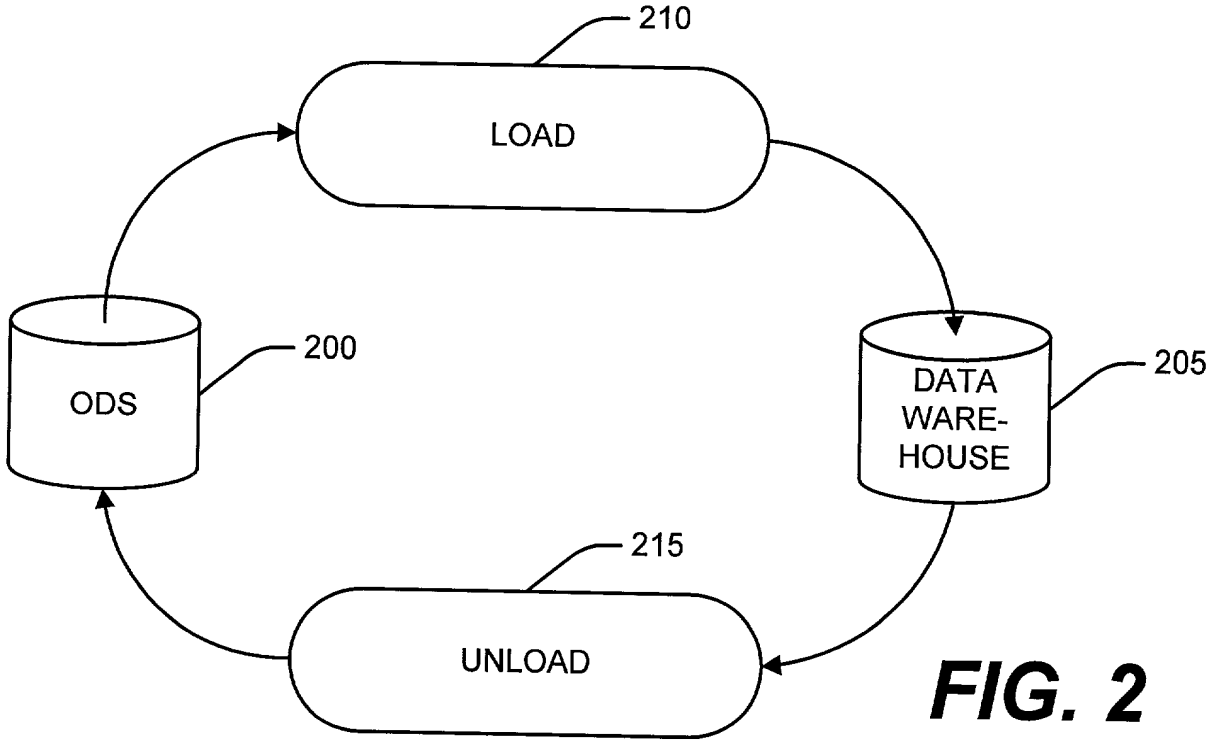


FIG. 2
(PRIOR ART)

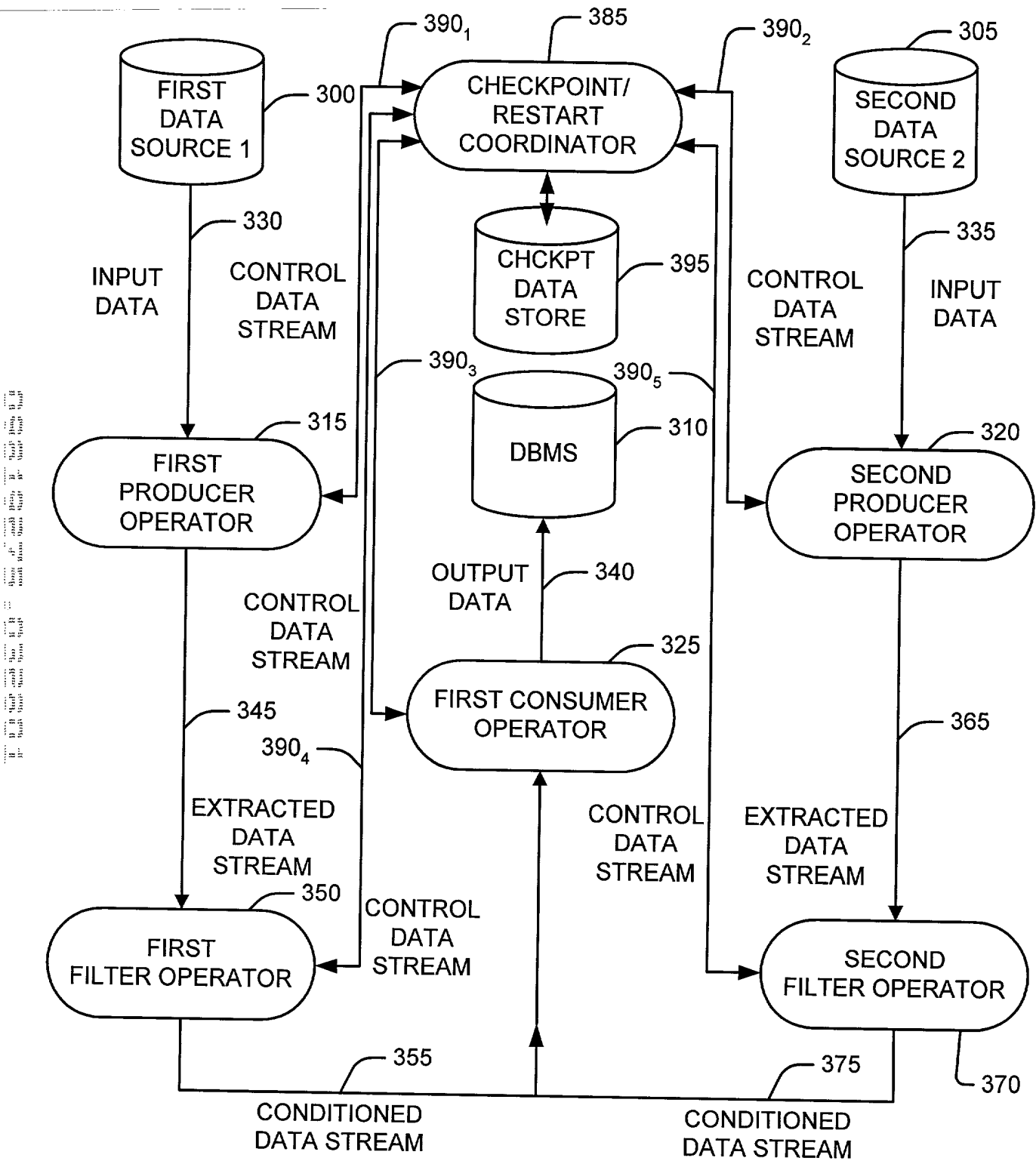


FIG. 3

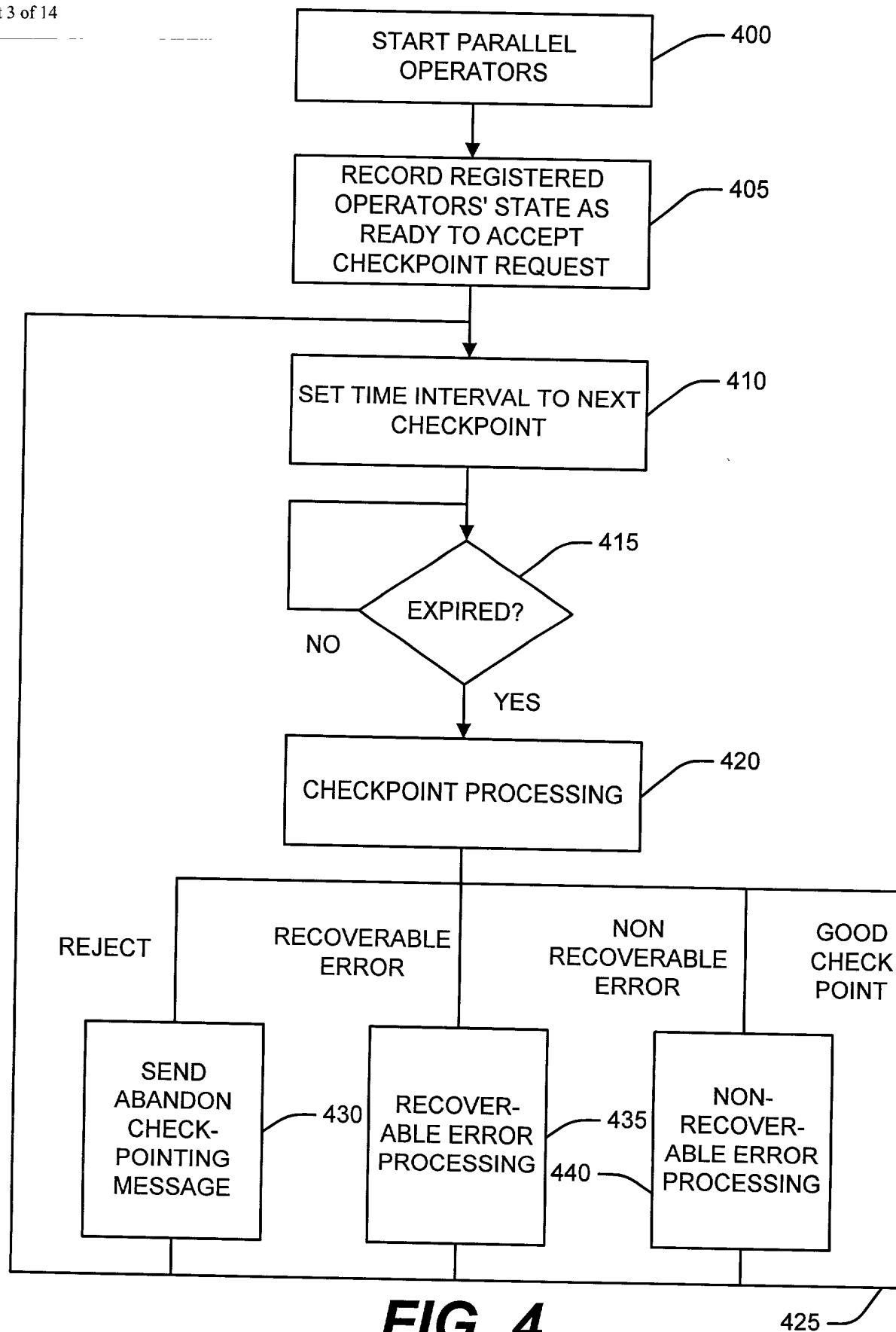


FIG. 4
(CHECKPOINT
PROCESSING)

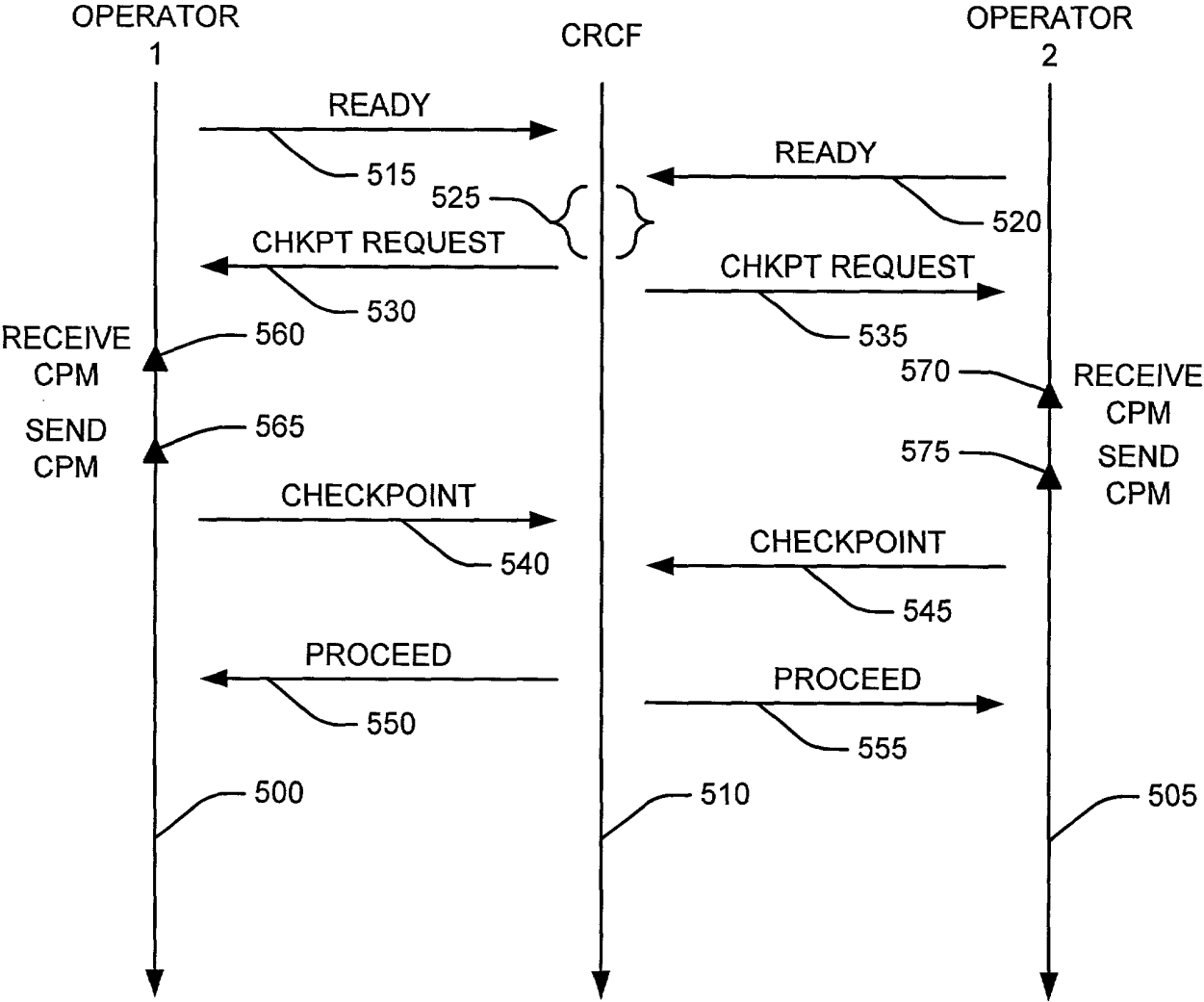


FIG. 5
(NORMAL
PROCESSING)

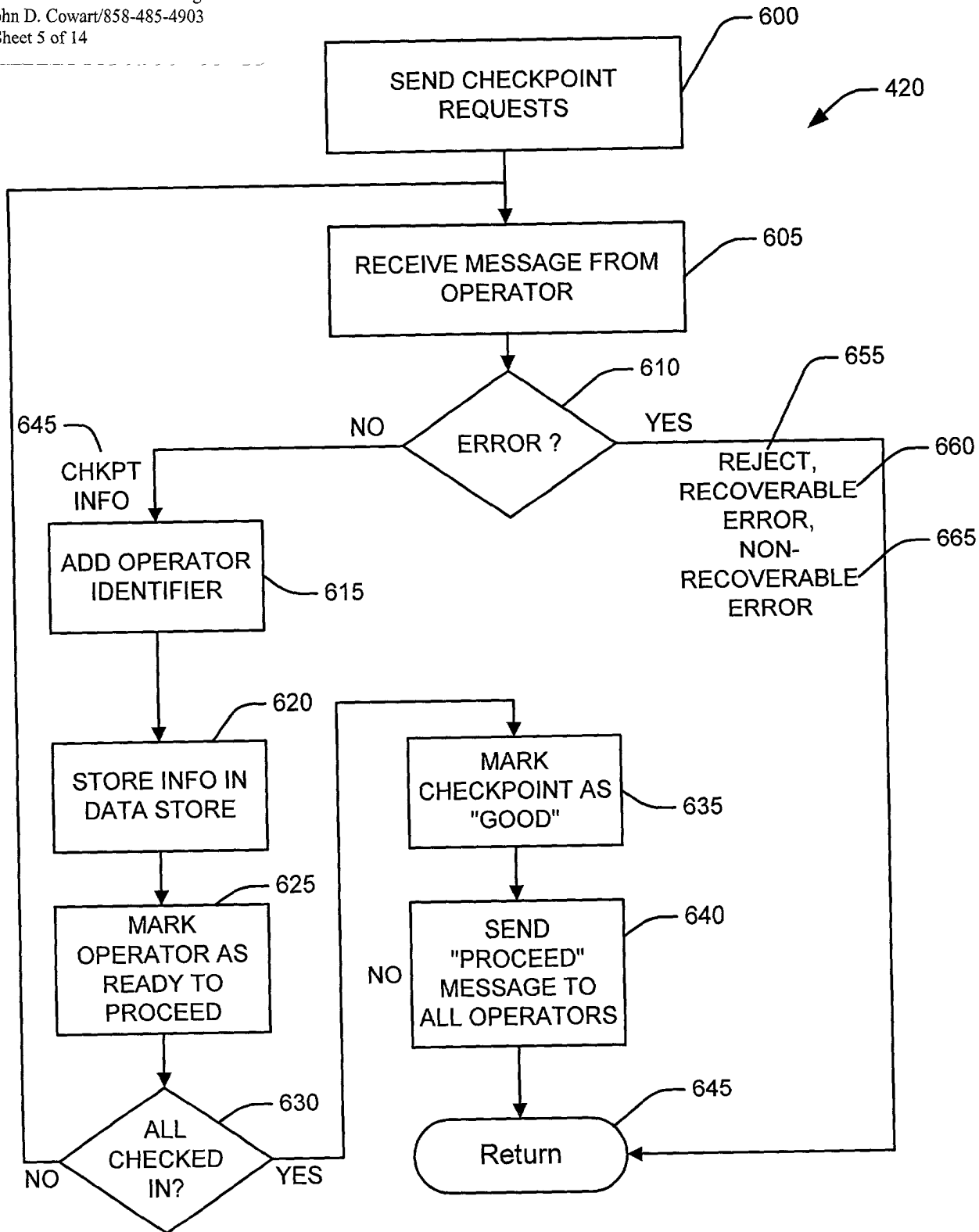


FIG. 6

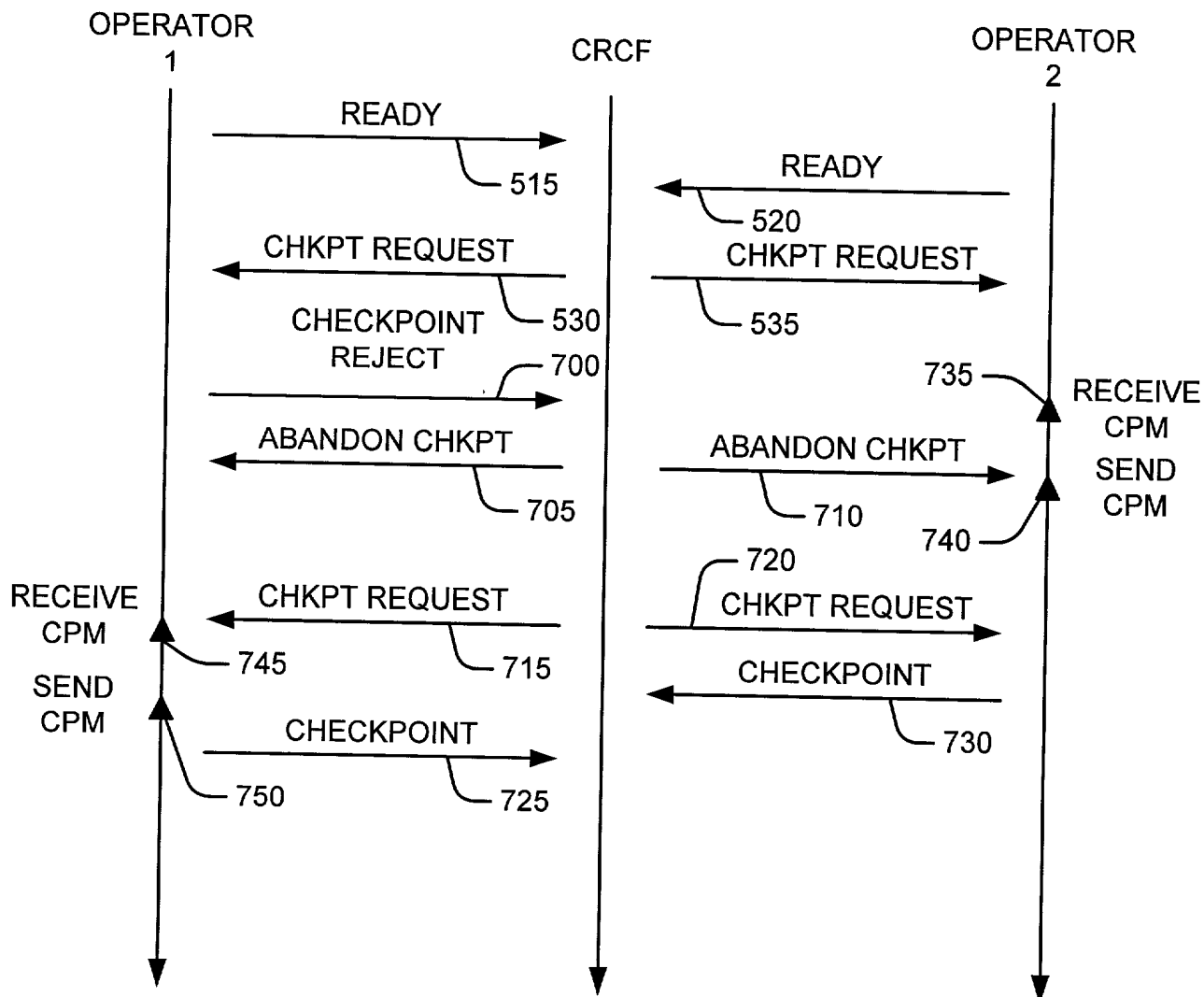


FIG. 7
 (CHECKPOINT
 REJECTED)

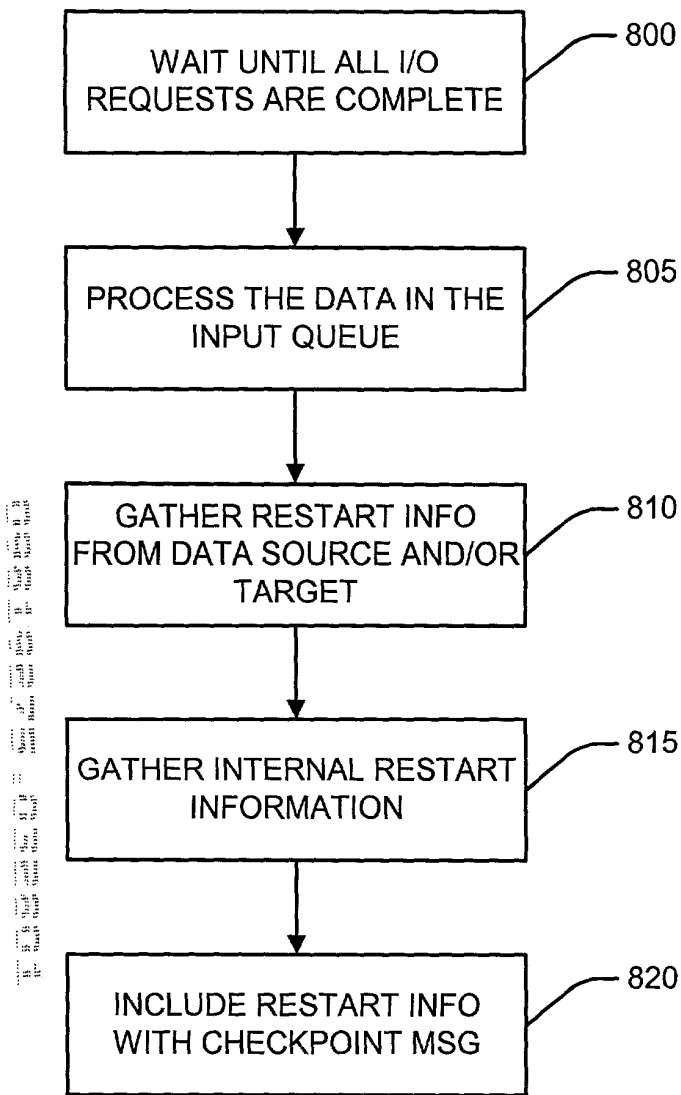


FIG. 8

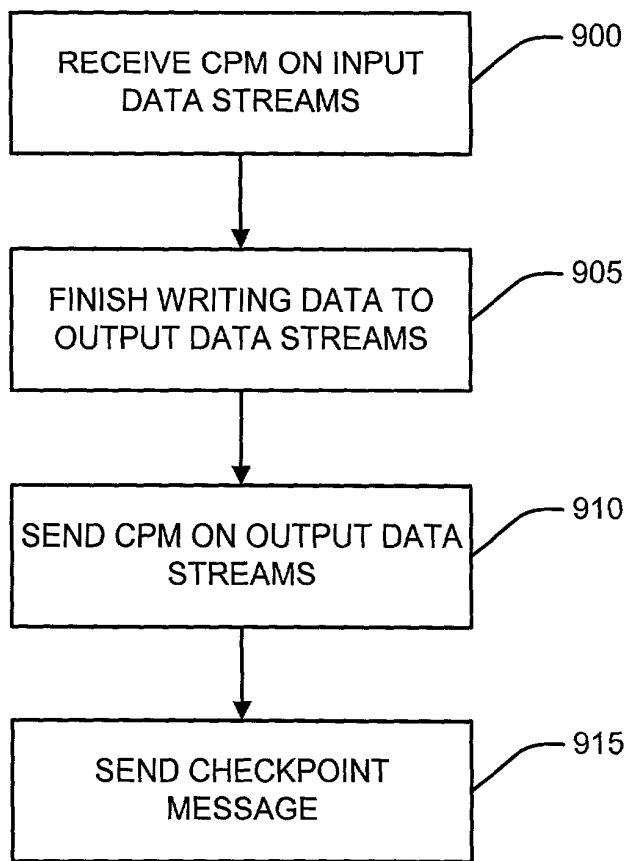


FIG. 9

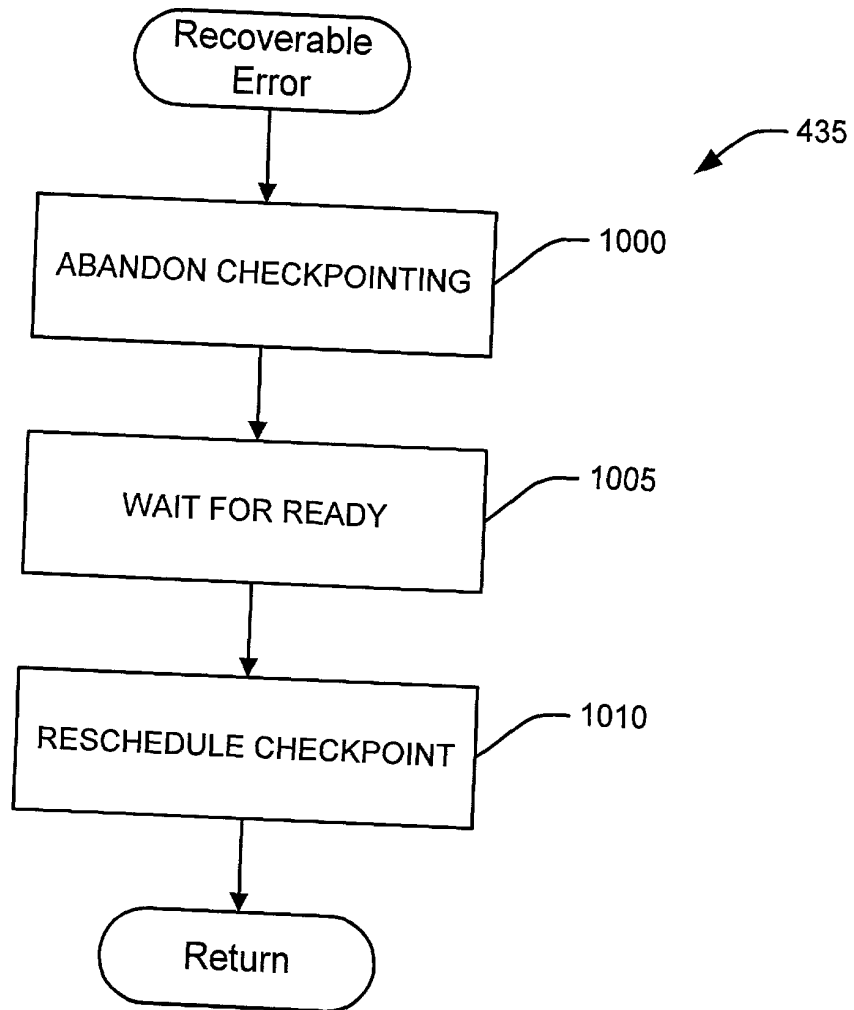


FIG. 10

FIG. 11
(RECOVERABLE
ERROR)

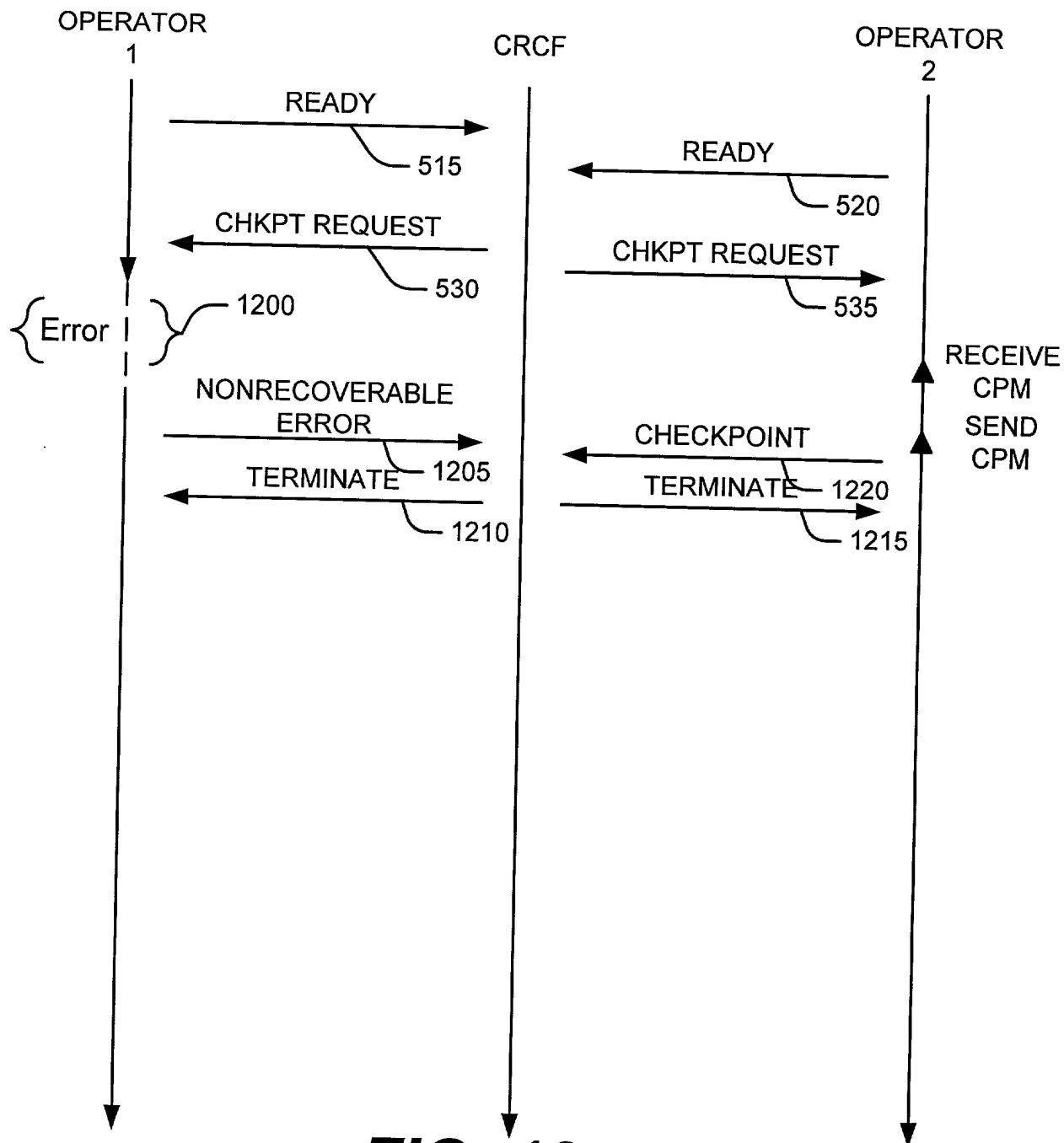


FIG. 12
(NON-RECOVERABLE ERROR)

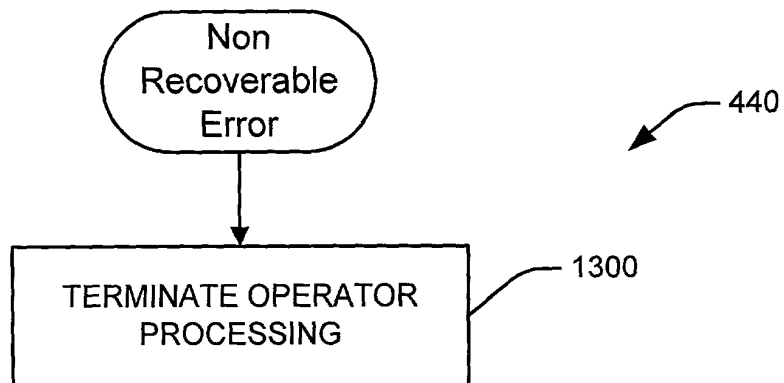


FIG. 13

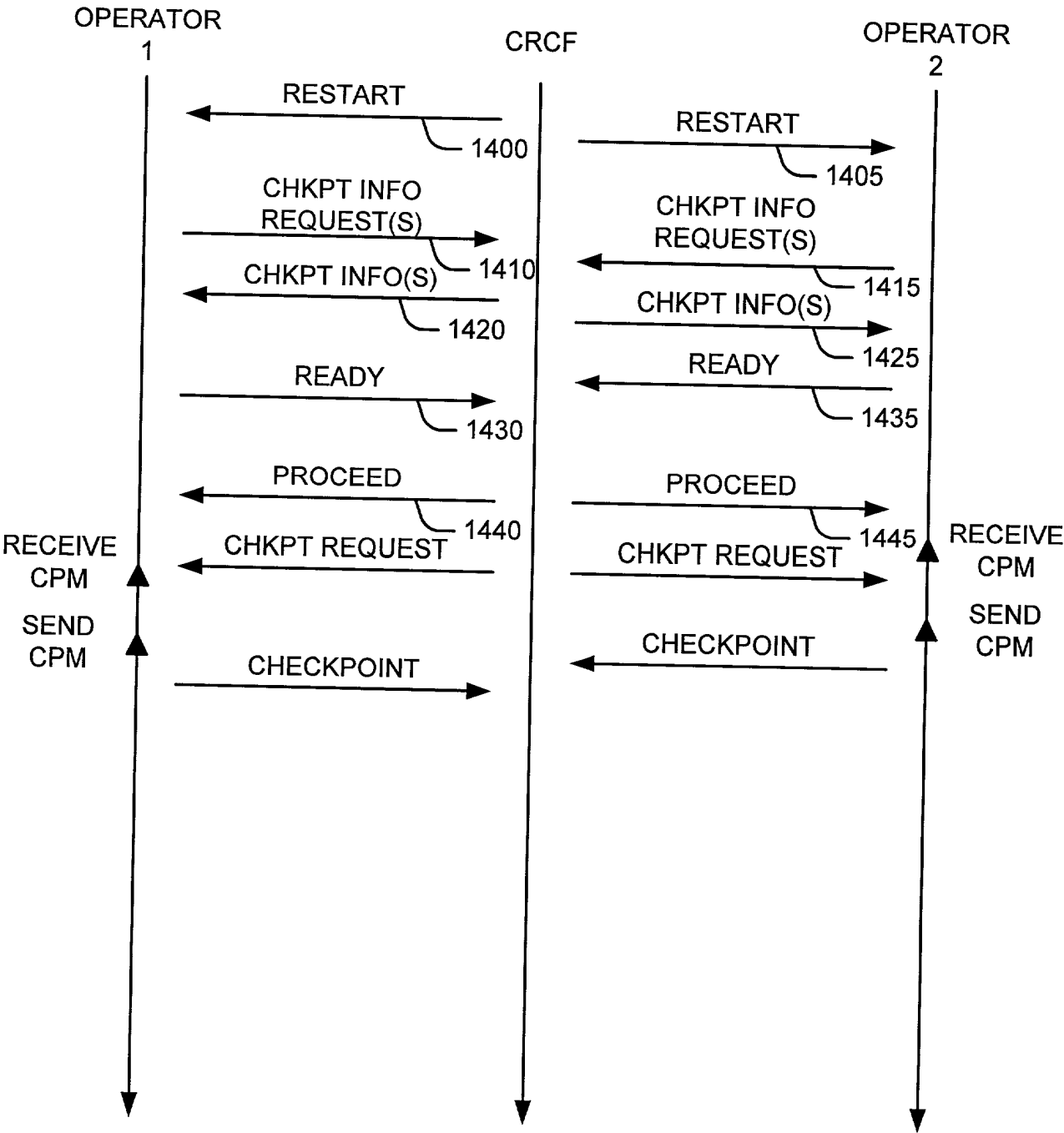


FIG. 14
(RE-START)

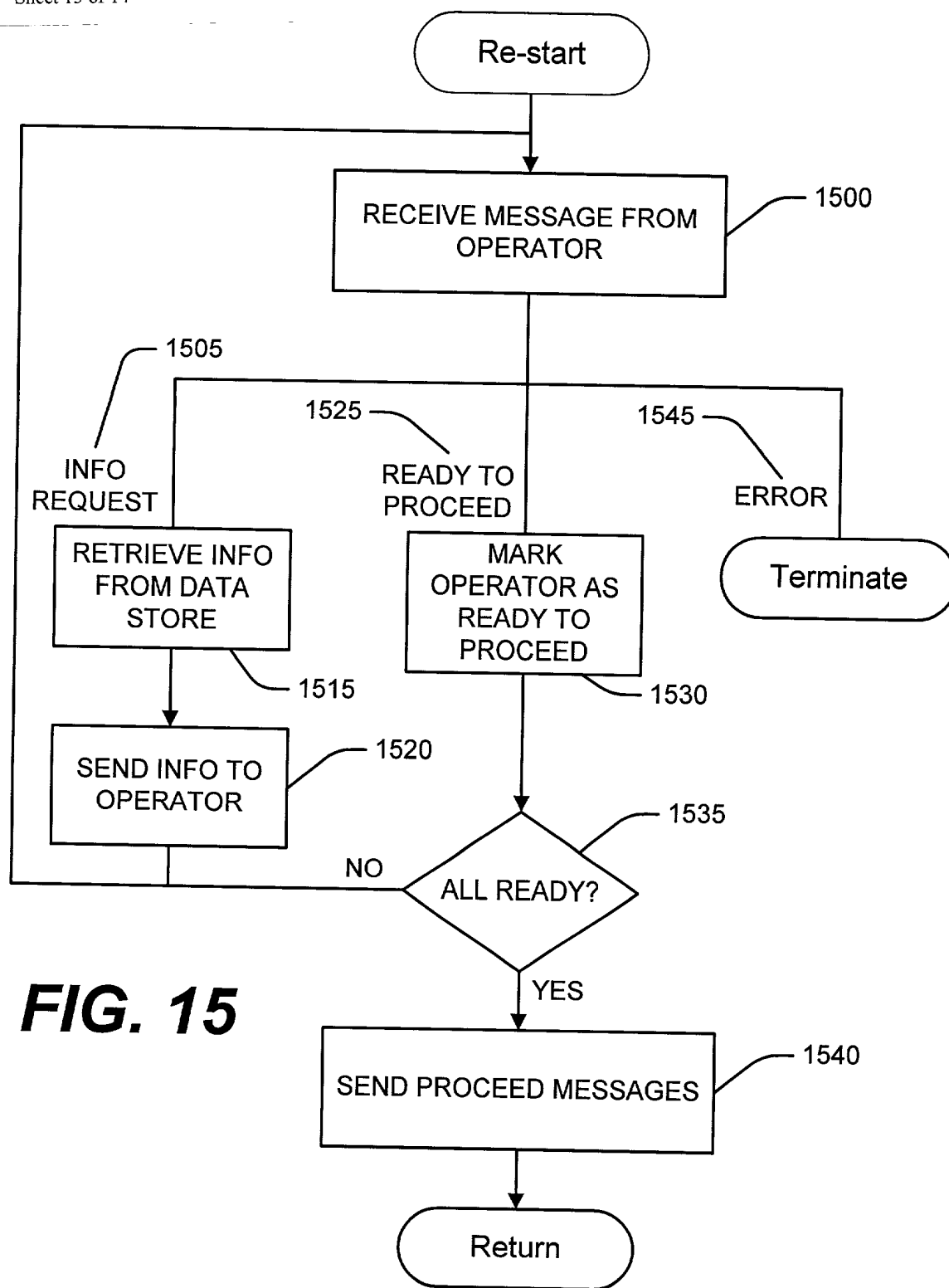


FIG. 15

